



McDonnell Boennen Hulbert & Berghoff
Law Offices

Fax transmittal

To Examiner Lisa Cook
Company Patent and Trademark Office
Fax 703-746-5216
Phone

Date July 3, 2003
From David S. Harper
Direct (312) 913-2106
Email harper@mbhb.com
C/M 102/197

Pages, 4
with cover
Re: U.S. Patent Application No. 09/716,732
Filed: November 20, 2000
Title: A System for Cell-Based Screening
MBHB Case No.: 97,022-N2

Dear Examiner Cook:

Attached please find the Supplemental Response to Notice to the Office Action mailed July 31, 2001 for the above-referenced U.S. Patent Application.

Very truly yours,


David S. Harper
Patent Attorney

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(Case No. 97,022-N2)

In re Application of:

Ghosh, et al.

Serial No.: 09/716,732

Filed: November 20, 2000

For: A System for Cell-Based Screening

Art Unit: 1641

Examiner: Cook, L.

Mail Stop: RESPONSE
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

FACSIMILE TRANSMITTAL LETTER

In regard to the above identified application:

1. We are transmitting herewith the attached:

☒ Supplemental Response to Notice to the Office Action mailed July 31, 2001 (3 sheets);

2. With respect to fees:

☒ No fee is required.

3. CERTIFICATE OF TRANSMISSION UNDER 37 CFR § 1.8: The undersigned hereby certifies that this Transmittal Letter and the paper, as described in paragraph 1 hereinabove, are being facsimile transmitted to the Patent Office, at PO Box 1450, Alexandria, VA 22313-1450, Examiner: Lisa Cook First (Fax No. (703) 746-5216) on this 3rd day of July, 2003.

By

David S. Harper

Registration No. 42,636

PATENT

#1310
7/9/03IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(Case No. 97,022-N2)

In re Application of:

D. Ghosh, et al.

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Mail Stop: RESPONSE
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450SUPPLEMENTAL RESPONSE TO NOTICE TO THE
OFFICE ACTION DATED JULY 31, 2001

Dear Sir,

Please consider the following amendments and remarks in response to the Office Action mailed July 31, 2001:

*In the claims:**Please cancel claims 1 through 20.**Please add the following new claims:***21. [19] (AMENDED)** An automated method for analyzing neurite outgrowth comprising

a) providing an array of locations comprising cells, wherein the cells possess at least a first luminescently labeled reporter molecule that reports on cell location, and at least a second luminescently labeled reporter molecule that reports on neurite outgrowth;

b) obtaining a nuclear image from the at least first luminescently labeled reporter molecule and a neurite image from the at least second luminescently-labeled reporter molecule;

c) automatically identifying cell bodies from the nuclear image; 1st luminescent

d) automatically identifying neurites extending from the cell bodies from the neurite image; and